

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/008019

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ B22D11/06, 11/00, 11/01, B22F9/04, C21D6/00, C22C33/02,
38/00, H01F1/053, 41/02

According to International Patent Classification (IPC) or to both national classifications and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ B22D11/06, 11/00, 11/01, B22F9/04, C21D6/00, C22C33/02,
38/00, H01F1/053, 41/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-188213 A (Hitachi Metals, Ltd.), 04 July, 2000 (04.07.00), & EP 994493 A2 & US 6468365 B1 & CN 1251464 A & DE 69911138 E & KR 2000029088 A	1-16
A	JP 2003-188006 A (Showa Denko Kabushiki Kaisha), 04 July, 2003 (04.07.03), & WO 2003052778 A1 & US 2005028892 A1 & CN 1526147 A & AU 2002358316 A1	1-16

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

29 July, 2005 (29.07.05)

Date of mailing of the international search report

16 August, 2005 (16.08.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int.Cl.⁷ B22D11/06, 11/00, 11/01, B22F9/04, C21D6/00, C22C23/02, 38/00, H01F1/053, 41/02

B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int.Cl.⁷ B22D11/06, 11/00, 11/01, B22F9/04, C21D6/00, C22C23/02, 38/00, H01F1/053, 41/02

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報	1922-1996年
日本国公開実用新案公報	1971-2005年
日本国実用新案登録公報	1998-2005年
日本国登録実用新案公報	1994-2005年

国際調査で利用した電子データベース (データベースの名称、調査に利用した用語)

C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
A	JP 2000-188213 A (日立金属株式会社) 2000.07.04 & EP 994493 A2 & US 6468365 B1 & CN 1251464 A & DE 69911138 E & KR 2000029088 A	1-16
A	JP 2003-188006 A (昭和電工株式会社) 2003.07.04 & WO 2003052778 A1 & US 2005028892 A1 & CN 1526147 A & AU 2002358316 A1	1-16

☐ C欄の続きにも文献が列挙されている。

☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

「A」特に関連のある文献ではなく、一般的技術水準を示すもの

「E」国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの

「L」優先権主張に拠る文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)

「O」口頭による開示、使用、展示等に関する文献

「P」国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの

「X」特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの

「Y」特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの

「&」同一パテントファミリー文献

国際調査を完了した日

29.07.2005

国際調査報告の発送日

16.8.2005

国際調査機関の名称及びあて先

日本国特許庁 (ISA/JP)

郵便番号100-8915

東京都千代田区鍛冶町三丁目4番3号

特許庁審査官 (権限のある職員)

國方 康伸

電話番号 03-3581-1101 内線 3425

4E

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From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 15 August 2005 (15.08.2005)		To: OKUDA, Seiji OKUDA & ASSOCIATES, 10th Floor Osaka Securities Exchange Bldg. 8-16, Kitahama 1-chome Chuo-ku, Osaka-shi Osaka, 5410041 JAPON	
Applicant's or agent's file reference A5036SS-PCT		IMPORTANT NOTIFICATION	
International application No. PCT/JP2005/008019	International filing date (day/month/year) 27 April 2005 (27.04.2005)		
International publication date (day/month/year)	Priority date (day/month/year) 30 April 2004 (30.04.2004)		
Applicant NEOMAX CO., LTD. et al			

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable)* The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable)* An asterisk (*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as the priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

Priority date	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
30 April 2004 (30.04.2004)	2004-135856	JP	16 June 2005 (16.06.2005)

The International Bureau of WIPO
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